

ABSTRACT

[Object] A cooling device for a thin electronic equipment having a larger heat radiation area and preventing leakage of refrigerant.

5 [Means for Solving Problems] A cooling device includes first and second cooling panels (1, 2) wherein a passage (11, 21) is formed by bonding together a top heat radiation panel and a bottom heat radiation panel each having a groove therein, and a circulation pump (3) for circulating refrigerant within the passage (11, 21). In the top heat radiation
10 panel of the second cooling panel (2) are formed an outlet port through which the refrigerant flows out from the passage (21) to the circulation pump (3) and an inlet port through which the refrigerant flows in from the circulation pump (3) to the passage (21). The circulation pump (3) is fixed onto the top heat radiation plate of the cooling panel (2) so that the suction
15 port and discharge port are aligned with the outlet port and inlet port, respectively.